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1 A method of correcting incorrect text associated with recognition errors
2 in computer-implemented speech recognition, comprising:
3 performing speech recognition on an utterance to produce a recognition
4 result for the utterance;
5 identifying a correction command in the recognition result for the utterance;
6 and
7 producing corrected text from a portion of the recognition result for the
8 utterance.

1 2. The method of claim 1, further comprising replacing previously-
2 generated incorrect text with the corrected text.

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1 3. The method of claim 1, wherein the step of producing corrected text
2 includes searching a dictionary using the portion of the recognition result.

1 4. The method of claim 1, wherein the step of producing corrected text
2 comprises producing corrected text from a portion of the recognition result for the
3 utterance and from a recognition result for a second utterance.

1 5. The method of claim 4, wherein the second utterance precedes the first
2 utterance.

1 6. The method of claim 4, wherein the second utterance follows the first
2 utterance.

1 7. The method of claim 1, wherein the correction command indicates that
2 the portion of the recognition result comprises a pronunciation of a word to be
3 corrected.

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1 ~~8~~ 8. The method of claim 7, wherein the step of producing corrected text
2 comprises using confused pronunciation matching to identify text corresponding to the
3 pronunciation.

1 ~~9~~ 9. The method of claim ~~8~~ 9, wherein the confused pronunciation matching
2 comprises using the pronunciation to search a confused pronunciation dictionary.

1 ~~10~~ 10. The method of claim ~~9~~ 9, wherein the confused pronunciation matching
2 comprises using the pronunciation to search a pronunciation dictionary for confused
3 pronunciation matches.

1 ~~11~~ 11. The method of claim ~~10~~ 11, wherein the confused pronunciation matching
2 comprises using a phonetic tree to search a pronunciation dictionary.

1 ~~12~~ 12. The method of claim 2, further comprising automatically selecting the
2 previously-generated incorrect text to be replaced.

1 ~~13~~ 13. The method of claim ~~12~~ 13, wherein the step of automatically selecting
2 comprising re-recognizing previously-recognized speech corresponding to the
3 previously-generated incorrect text using the corrected text.

1 ~~14~~ 14. The method of claim ~~13~~ 14, further comprising generating a list of
2 confused pronunciation matches and identifying the corrected text as a selection from
3 the list of confused pronunciation matches.

1 ~~15~~ 15. The method of claim ~~14~~ 15, further comprising using the list of confused
2 pronunciation matches to re-recognize previously-recognized speech so as to determine
3 the corrected text.

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18. The method of claim 14, further comprising displaying text
2 corresponding to the list of confused pronunciation matches to a user and obtaining the
3 selection from the user.

17. The method of claim 1, wherein the correction command indicates that
2 the portion of the recognition result comprises a spelling of a word to be corrected.

18. The method of claim 17, wherein the step of producing the corrected
2 text comprises using confused spelling matching to identify the text corresponding to
3 the spelling.

19. The method of claim 18, wherein the confused spelling matching
2 comprises using the spelling to search a confused spelling dictionary.

20. The method of claim 18, wherein the confused spelling matching
2 comprises using the spelling to search a spelling dictionary for confused spelling
3 matches.

21. The method of claim 18, further comprising generating a list of
2 confused spelling matches and identifying the text corresponding to the spelling as a
3 selection from the list of confused spelling matches.

22. The method of claim 21, further comprising using the list of confused
2 spelling matches to re-recognize previously-recognized speech so as to determine the
3 corrected text.

23. The method of claim 21, further comprising displaying the list of
2 confused spelling matches to a user and obtaining the selection from the user.

1 *Sub A5* 24. The method of claim 1, the method further comprises:
2 using an active vocabulary when performing speech recognition,
3 using a backup dictionary when producing the corrected text, and
4 if the active vocabulary does not contain the corrected text, adding the
5 corrected text to the active vocabulary.

1 *Sub B3* 25. A method for recognizing a spelling of a word in computer-
2 implemented speech recognition, comprising:
3 performing speech recognition on an utterance to produce recognition
4 results;
5 identifying a spelling command in the recognition results, wherein the
6 spelling command indicates that a portion of the utterance comprises a spelling;
7 producing the spelling by searching a dictionary using the recognition
8 results.

1 26. The method of claim 25, wherein the step of producing the spelling
2 comprises using confused spelling matching to identify the text corresponding to the
3 spelling.

1 *Sub B4* 27. The method of claim 26, wherein the dictionary is a confused spelling
2 dictionary and the confused spelling matching comprises using the spelling to search
3 the confused spelling dictionary.

1 *28* 28. The method of claim *25*, wherein the dictionary is a spelling dictionary
2 and the confused spelling matching comprises using the spelling to search the spelling
3 dictionary for confused spelling matches.

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1 ~~29~~. The method of claim ~~25~~, further comprising generating a list of
2 confused spelling matches and identifying the text corresponding to the spelling as a
3 selection from the list of confused spelling matches.

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1 ~~30~~. The method of claim ~~29~~, further comprising displaying the list of
2 confused spelling matches to a user and obtaining the selection from the user.

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